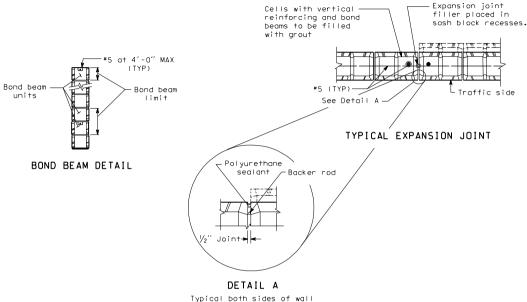
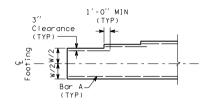
	WALL HT					TYPE 18A							TYPE 18B			WALL HT	NOTES
	HALL HI	СМП	X N	В	BAR A	BAR C	BAR D	BAR E	сми	Х	W	BAR A	BAR C	BAR D	BAR E	H	1. Wall to be designated Noise
	6'-0"	8′′	— 2'	0"	3-#4	_	#6 at 48"	#4 at 18"	8′′	_	2'-3"	3-#4	_	#6 at 48"	#4 at 18"	6'-0''	Barrier Type 18Å, 18B, 18C or 18D. The Contract specifies
	8'-0"	8′′	— 2°	3″ 3	3-#4	_	#6 at 48"	#4 at 18"	8′′	_	2'-9"	4-#4	_	#6 at 48"	#4 at 18"	8'-0''	actual wall designations.
	10'-0"	8′′	— 2 <i>′</i>	6′′	3-#4	_	#6 at 48"	#4 at 18′′	8′′	_	3'-3"	4-#4	_	#6 at 48''	#4 at 18"	10'-0"	2. For intermediate wall heights, use the next higher H.
	12'-0"	8′′	— 3 [']	0′′	4-#4	_	#6 at 48''	#4 at 18''	10′′	4'-0"	3'-9''	4-#4	_	#6 at 40''	#4 at 18"	12'-0"	3. All masonry shall be hollow unit
	14'-0"	8′′	— 3 <i>′</i>	-3" 4	4-#4	_	#6 at 36"	#4 at 18''	10′′	4'-8"	4'-3''	5-#4	#6 at 40''	#6 at 40"	#4 at 18"	14'-0''	and installed as running bond.
	16'-0"	10′′	5′-4′′ 3′		5-#4	_	#6 at 16"	#4 at 18''	10′′	5'-4''	5′-3′′	5-#4	#6 at 32"	#6 at 32"	#4 at 18"	16'-0"	4. All masonry is to be specially inspected.
	18'-0"	10′′	6'-0'' 4'	_	5-#4	#6 at 48"	#6 at 48''	#4 at 18''	10′′	6′-0"	6'-0''	6-#4	#6 at 24"	#6 at 24"	#4 at 18"	18'-0"	5. All Concrete Masonry Unit (CMU)
	20'-0"		6'-8'' 5'	_	5-#4	#6 at 32"	#6 at 32"	#4 at 18''		8'-0''	7'-0''	5-#4	#7 at 24"	#7 at 24"	#4 at 18"	20'-0"	cells that have vertical steel reinforcing bars or bond beam
	22'-0''	1.0	7′-4′′ 5′	_	5-#4	#6 at 24"	#6 at 24"	#4 at 18''		0'-0"	7'-9''	5-#4	#7 at 16"	#7 at 16"	#4 at 12"	22'-0''	units shall be filled with grout,
c	24'-0''	10′′ 8	3′-0′′ 6′	3′′ 5	5-#4	#6 at 16" TYPE 18C	* 6 at 16"	#4 at 18''	10"	12'-0'	8'-6''	5-#4	#8 at 16" TYPE 18D	#8 at 16"	* 4 at 12"	24'-0''	6. Panels shall have at least 3 feet of level ground on each side.
Wall and footing	WALL HT	СМИ	х	v B	BAR A	BAR C	BAR D	BAR E	СМИ	х	W	BAR A	BAR C	BAR D	BAR E	WALL HT	7. Construction joints in the
Right-of-way	6'-0"	8"	— 2'	0"	3-#4	_	#6 at 48"	#4 at 18"	8"		2'-6"	3-#4	_	#6 at 48"	#4 at 18"	6'-0''	footing shall be spaced at 120 feet maximum.
See Contract	8'-0"	8"	— 2'	_	3-#4	_	#6 at 48"	#4 at 18"	8"		3'-3"	5-#4	_	#6 at 48"	#4 at 18"	8'-0"	8. See "Masonry Wall Finishes and
	10'-0"	8"	_ 2'	_	3-#4	_	#6 at 48"	#4 at 18"	\vdash	4′-0′′	3'-6"	5-#4	_	#6 at 32"	#4 at 18"	10'-0''	Details" sheets for masonry block finishes, special shapes,
Work line →	12'-0"	8"	— 3 [']		3-#4	_	#6 at 40"	#4 at 18"	-	4'-0''	4'-3''	5-#4	#6 at 48"	#6 at 40"	#4 at 18"	12'-0"	sizes and layout.
grout cap	14'-0''	10"	4'-0'' 3'	_	5-#4	_	#6 a+ 16"	#4 at 18"	10"	4'-8''	5′-3″	5-#4	#6 at 32"	#6 at 32"	#4 at 18"	14'-0"	
Bond beam at top	16'-0"	10"	4'-8'' 4'	-3" 5	5-#4	#6 at 40"	" 6 at 40"	#4 at 18"	10"	5'-4"	6'-3"	5-#4	#6 at 24"	" 6 at 24"	#4 at 18"	16'-0"	
2" (TYP)-> 0	18'-0"	10"	5′-4″ 5′	.0′′ 5	5-#4	#6 at 32"	#6 at 32"	#4 at 18"	10"	7′-4′′	7′-0′′	5-#4	#6 at 16"	#6 at 16"	#4 at 18"	18'-0"	
	20'-0"	10''	6'-0'' 5'	.9″ 5	5-#4	#6 at 24"	#6 at 24"	#4 at 18''	10"	9'-8"	8'-0"	5-#4	#7 at 16"	#7 at 16"	#4 at 12"	20'-0"	
	22'-0"	10"	7′-0′′ 6′	·6′′ 5	5-#4	#6 at 16"	#6 at 16"	# 4 at 18″	10''	12′-0′'	9'-0''	5-#4	#8 at 16"	#8 at 16"	" 4 at 12"	22'-0"	
CMU (see →	24'-0''	10"	B'-0" 7'	-6" 5	5-#4	#7 at 16"	#7 at 16''	#4 at 12"	10′′	15′-0′	9'-9"	6-#4	#9 at 16"	#9 at 16"	#4 at 12"	24'-0"	
Note 5)																	
± + - - - - - - - - - - - - -																	
Reinforcing Reinforcing Steel Bar D Coentered)																	
																	NOISE BARRIER - TYPE 18
										4′-0′′	MIN bo	and	8"	_ #5 (TYP) Le			MASONRY WALL ON
									bed	am and	reinf	orced	→ -	Le Le	evel (IYP)		OFFSET SPREAD FOOTING
#5 at 4'-0"	" MIN .								ex	rens i	OII (II)	s rep ∤	(111				
MAX (TYP)	-									<u> </u>	/////	<i>}</i>				Ħ	
8	1	— Umit when	footin Bars C	, dowe prese	el ent	Two	blocks MIN,- e blocks MAX	┦									
Bar C 2" Clearance	Ę					1111 00	DIOCKS MAX	<u> </u>	/////	4///				+		Н	
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(TYP) - X + T	MIN WIN	2	MAX 1						\Box	\Box	Щ	\perp		开 片		\equiv	
2''Clearance		7	A				Final —— around	7	$\Box\Box$	ΤŢ	ΤП	Щ					
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3" Clearance	Bar	EI G	reinford at equal	spac	ing wi	ith	oread footin						 	-		$\dashv \setminus$	
→ V	231	2	?'-O'' MI	N spl	ice (1	(YP)		UC	nstru (see	Note				Expansion jo			<i>─</i> 03-14-97
TYPICAL SECTI	I ON											ELE	VATION		ocations	G (Sheet 1 of 2 Sheets

BAR SIZE	SPLICE LENGTH						
#6	2'-8''						
#7	3'-8''						
#8	4'-10''						





FOOTING WIDTH TRANSITION DETAIL

(For locations without footing step)

NOTE: Transverse bars not shown

NOISE BARRIER - TYPE 18

MASONRY WALL ON
OFFSET SPREAD FOOTING

D-2r□ 03-14-97